

On the Nature of the Earth's Third Radiation Belt,
by I. S. Shklovskiy, V. I. Moroz, V. G. Kurt, 2 pp.

RUSSIAN, per, Astronomicheskiy Zhurnal, Vol XXXVII,
No 5, Sep-Oct 1960, pp 931-934.

Internatl Physical Index
Physics Express
Vol III, No 6

Sci - Astron

Apr 61

146, 295

Radio Galaxies, by I. S. Shklovskiy, 6 pp.

RUSSIAN. per, Uspekhi Fiz Nauk, Vol LXXVII, No 1-2,
1962, pp 3-60.

Amer Inst of Physics
Sov Phys - Uspekhi
Vol V, No 2

Sci

Mar 63

233,227

The Ultraviolet Radiation of the Crown and the
Chromosphere and the Ionization of the Terrestrial
Atmosphere, by I. S. Shklovskiy, 55 pp.

RUSSIAN, per, Iz Krymskoy Astrofiz Observ,
Vol IV, 1949, pp 80-113.

Sci - Astron
Feb 60

3/2
ATIC MCL-~~IV~~/III
CIA-654337

106,613

On the Mechanism of the Excitation of Auroral
Luminescence, by I. S. Shklovskiy, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXI,
No 4, 1951, pp 525-528.

Handwritten: 450,506
Air Research and Development Center,
Baltimore, Md. T-194-R *Comma*

Handwritten: 3100X-71
USER

Scientific - Geophysics

Mar 54 CTS

Handwritten: 11,081

The Radiation of Hydrogen Lines in the Auroral
Spectrum, by I. S. Shklovskiy, 7 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR,
Vol LXXXI, No 3, 1951, pp 367-370. D127037

Am. Nat. Soc. T-381RU

Air Res & Dev Command
Baltimore, Md.

T-197-R

Scientific - Astronomy
CTS/DEK

11,395

Quantitative Analysis of the Intensity of the
Hydroxyl Emission of the Night Sky, by I. S.
Shklovskiy, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXV,
No 6, USSR, 1950, pp 789-792. 0197037

Am. Nat. Soc. T-277R4

CIA/FDD/X-1147

Air Res + Dev Command

T-196-R

See Astronomy

7562

Identification of Infrared Radiation of the Night
Sky by Vibrational-Rotational Bands of the OH
Molecule., by I. S. Shklovskiy, 7 pp.
UNCLASSIFIED

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LXXV,
No 3, 1950, pp 371-374. D197036

Air Res & Dev Command
Baltimore, Md.
T-193-R

Scientific - Astronomy
CTS/DEX

11,394

(FID 19534)

Success of Radio Astronomy, by I. C. Shklovskiy,
10 pp.

RUSSIAN, no per, Nauka i Zhizn', No 9, Moscow,
Sep 1953, pp 14-16.

CIA FID U-5466

USSR

10,749

Sci - Astronomy, radio astronomy

Feb 54

RIDDLE OF THE MARTIAN ~~S~~XATELLITES, BY
I. S. SHKLOVSKIY, 3 PP.

RUSSIAN, NP, KOMSOMOL'SKAYA PRAVDA, 31 MAY
1959. 9677382

FTD-TT-62-488

SCI-SPACE/RES

10 JUL 62

202,212

ARTIFICIAL SATELLITES OF MARS, BY I. S.
SHKLOVSKIY, 6 PP.

RUSSIAN, NP, KOMSOMOL'SKAYA PRAVDA, 1 MAY 1959.
9677382

FTD-TT-62-488

SCI-SPACE/RES

10 JUL 62

202,211

Nature of the Infrared Radiation of the
Night ~~SKY~~ Sky, by I. S. Shklovskiy, 37 pp.

Full Tr

RUSSIAN, per, Iz Krim Astrofiz, Vol VII,
1951, pp 34-58. LIA 56344/1⁰⁸

LIA 642480

40,818

ATIC F-TS-8712/III

Scientific - Astronomy

Nov 55 CTS/DEX

Solar Radiation, by I. S. Shklovsky, 1 p.

RUSSIAN, np, Izvestiya, 26 Aug 1960.

Jet Propulsion Lab

Sci

Oct 60

CIA/FDD X-4460

On the Question of Solar Chromospheric Models, by
I. S. Shklovskiy, E. W. Yononovitch, 24 pp.

~~REC~~ ^{XXV}
RUSSIAN, Astron Zhur, Vol 35, 1958, p 37.

CIA/FDD/X-2990

USSR
Scientific

68,174

On the Nature of Luminescence of the Crab Nebula,
by I. S. Shklovski, 4 pp. UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XC, No 6,
1953, pp 983-986.

Navy Tr 964/NRL 468

Scientific - Astronomy

Mar 54 CTS

11, 103

On the Nature of the Emission of Radio Stars, by I. S. Shklovskii. UNCLASSIFIED

RUSSIAN, thrice no per, Dok Ak Nauk SSSR, Vol LXXIV, No 3, 1952, pp 509-512.

Navy Tr 714/NRL 422

~~Scientific - Astronomy, emission, radio stars~~

Scientific - Astronomy, emission, radio stars

Feb 53 CTS/DEX

A10945

ARRB 794 R CIA 016251
450437

Am Nat Soc X-8600

On the Nature of the Discrete Sources of Cosmic
Radio Emission, by I. S. Shklovskiy..

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol
XCVIII, No 3, 1954, pp 353-356. CIAD166673

RT-2377

Sci. Info Sv
Def Sci Info Sv
DRE T.163.R

Astronomy

Scientific -- ~~ALPHABETIC~~

Feb 55 55/100

21,186

Am Nat Soc 1-85RRC

Radio Waves From the Moon, by I. S. Shklovskiy, 4 pp.

RUSSIAN, bk, Radioastronomiya, Moscow, 1955, pp 97-101, Encl to IR-1283-57, AFOIIN-1A1.

AID/Mar 57

Sci - Astronomy

50,842

Aug 57

The Detection of 10-Kev Electrons in the Upper
Atmosphere by the Third Russian Satellite,
by V. I. Krassovsky, I. S. Shklovsky, Yu. I.
Gal'perin, E. M. Svetlitsky, 4 pp.

RUSSIAN, Ser, Iz Ak Nauk SSSR, Ser Geofiz,
No 8, 1959, pp 1157-1163.

Amer Geophys Union

Sci
Aug 60

124, 452

Optical Observations of Artificial Satellites,
by I. S. Shkolovskiy, P. V. Shcheglov.

UNCLASSIFIED

RUSSIAN, par, Uspekhi Fiz Nauk, Vol LXIV, No 3,
1958, Encl to IR-786-58, AA, London.

AF 1180513

Sci - Space Res
Jul 58

66,676

Once More on The Distances to Planetary
Nebulae and The Evolution of Their Nuclei,
by I.S. Shklovskiy, 7 pp.

RUSSIAN, per Astron Zhur, Vol XXIV, No 13,
1957, pp 403-411

Amer Inst of Phys
Sov Astron - AJ
Vol I, No 3

A Sci - Astron
Apr 59

84,600

On the ¹⁰⁰⁰ of the Optical Emission from the
Crab Nebula. I. S. Shklovskiy, p 8.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 5, 1957,
pp 706-715.

Amer Inst of Phys
Sov Astron - AJ
Vol I, No 5

Sci - Astron

Apr 59

84,665

An Artificial Comet, by I. S. Shklovskiy,
V. F. Esipov, V. G. Kurt, V. I. Moroz, P. V.
Shcheglov, 6 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 6,
1959, pp 1073-1078. 9658745

7

Amer Inst of Phys
Soviet Astron - AJ
Vol III, No 6

Sci

Jul 60

120,578

Corpuscular Emission of the Early Type Stars as a
Possible Cause of Emission of the Nebulae in the
1225-1350 Å Region, by I. S. Shklovsky. UNCLASSIFIED

RUSSIAN, per, Astronomicheskiy Zhurnal, Vol XXXVI,
No 4, 1959, pp 579-584. 9048534

Navy 2408/NRL 770

Sci - Astronomy
Feb 60

107,160

Results of Observations of Discrete Sources
of Cosmic Radiation at 3.2 CM. Wavelength,
by N. L. Kaidanovki, N. S. Kardashev, I. S.
Shklovskiy 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV,
No 4, 1955, pp 517-519.

Navy Tr 1289/NEL 550

Sci - Physics

31, 9/18

5-14 R-5-27

On the Papers by Baade and Minkowski on the
Identification of Discrete Sources of Radio
Emission, by I. S. Shklovskiy, 6 pp.

RUSSIAN, per, Astron Journ, USSR, Vol XXXI,
No 5, 1954, pp 483-486.

2-185

CIA/FDD/

Scientific - ~~Discrete~~ Dec 55 CTB/DEX

Astronomy
29,318

The Nature of Radio Radiation by Concentrations of
Galaxies, by I. S. Shklovskiy, 9 pp.

RUSSIAN, bim per, Astron Zhur, Vol XXXI, No 6,
1954, pp 533-536. CIA ID 900673

36.084
Sci Tr Center HT-3734

Scientific - Astronomy

Jan 56/dex

On the Origin of Cosmic ~~XX~~ Rays, by I. S. Shklovskiy.
UNCLASSIFIED

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, 7-1 Xof.
No 3, 1958, pp 476-479.

Navy Tr 1018/MRL 478

Scientific - Astronomy
CTB/DEX

16,349

Nature of the Luminescence of the Aurora Polaris,
by I. S. Shklovskiy, 43 pp.

RUSSIAN, per, Iz Krynokoy Astronfiz Observatorii,
Vol VIII, 1952, pp 51-79. CIA D 361759

ATTC 17-48-8989/V

Sci - Astronomy
Jun 1956

42,949

Eclipse by the Moon of Two Discrete Sources
of Radio Emission, by N. P. I. Bakulin, I. S.
Shklovskiy, 4 pp. UNCLASSIFIED

RUSSIAN, per, Astronom Zhur, SSSR,
Vol XXXII, No 1, 1955, pp 29-31.

Navy Tr 1212/NRL 526

Scientific - Astronomy
CTS 70/Jul 55

25,707

Identification of Discrete Sources of Radio
Emission With the Diffuse Nebula IC 1396 and the
Filamentary Nebula NGC 6357, by I. S. Shklovsky, 8 pp.

RUSSIAN, per, Astron Zhur, Vol XXXI, No 6, 1954,
pp 529-532. CIA 7007370

Sci Tr Center
RT - 3733

Sci - Astronomy

Aug 1956

37,164

A Monochromatic Radio Emission of the Galaxy and
the Possibility of Observing It, by I. S. Shklovskiy,
8 pp.

RUSSIAE, per, Astron Zhur BSSR, Vol XXVI, No 1, 1948,
pp 10-14, CIA 0167233, 52354/

Def Sci Info Svc T 101 R

Scientific - Astronomy
CTS/DEX

CIA 2001521

7163

Physics of Solar Corona, by I. S. Shklovskiy

RUSSIAN, ok, Fizika Solnechnoikonony, 1962

~~*Israel/PST (Not PL-480)~~

Sept 62

* Scripta Technica

88

Optical Observations Of Artificial Earth Satellites
by **I.S. Shklovski** and **P.V. Shcheglov**.

RUSSIAN, per, **Uspehi Fizicheskikh Nauk**, Vol LXIV,
No 3, 1958, pp 417-424.

CSIRO

Oct. 62

Radio Spectroscopy of the Galaxy, by I. S.
Shklovskiy, 15 pp.

RUSSIAN, per, Astron Zhur SSSR, Vol XXIX, No 2, 1952,
pp 144-153, CIA D 167233, D 323541
CIA

Def Sci Info Svc T 101 R

Scientific - Astronomy
CTS/DEX

CIA 2001521

7162

Corrosion of Metals in a Wet Mixture of Air and
Hydrogen Sulfide and in a Hydrogen Sulfide
Solution, by I. S. Shkolovskiy, 18 pp.
(ATIC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TS-8030-A

Scientific - Minerals/Metals CIAI 1803554

Sep 53 CTS/DEX

5075

Corrosion of Metals in Presence of Gaseous and
Liquid Hydrogen Sulfide, by I. S. Shklovskii, 24
23 pp. (ATIC 75062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

ATIC F-TB-8030-A

Scientific - Minerals/Metals

Sep 53 CTS/DEX

CIA 1803554

5110

Is Communication Possible With Intelligent Beings
On Other Planets? by I. S. Shklovskiy,

RUSSIAN, per, Priroda, No 7, 1960, pp 21-30.

NASA TT-F-8009

Sci
Sep 61

168,669

US GOV'T ONLY

Electrode Potentials of Metals in a Hydrogen
Sulfide Solution, by I. S. Shklovskiy, 19 pp.
(ATIC 79062-D). UNCLASSIFIED

RUSSIAN, papers, Issledovaniya po Korrosii Metallov,
Published by USSR Akad Nauk, Moscow, 1951.

REF ATIC -P-TS-8030-A

Scientific - Minerals/Metals

Spp 58 CTS/DEX

CIA 180354

5111

The Possibility of Explaining the Differences in
the Chemical Composition of the Earth and the Sun
by the Thermal Dissipation of Light Gases, by I. S.
Shilovskiy, 16 pp.

RUSSIAN, per, Astron Zhur, Vol XXVIII, No 4, 1961,
pp 214-213. CIA 645299

ATIC F-TS-9596/V

Sci - Astron
Mar 69

82, 818

Artificial Satellites of Mars, by I. S. Shklovsky, 3 p
UNCL

RUSSIAN, np, Komsomol'skaya Pravda, 1 May 1959,
p 6.

AF 1255838

Sci - Space Res
Jun 59

89,975

Supernova Outbursts and the Interstellar Medium,
by I. S. Shklovskiy, 5 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIX, No 2, 1962,
pp 209-215.

Amer Inst of Phys
Sov Astron - AJ
Vol VI, No 2

Sci
Apr 64

254,282

Computation of the Concentration of Coronal Ions in
Excited Quantum States, by I. S. Shklovskiy, 21 pp.

RUSSIAN, per, Iz Krimskoy Astrofiz, Observatoriya,
Vol V, No 5, 1950, pp 86-99. *CIA 645324*

ATIC F-IS-9769/V

Sci - Geophys
Mar 59

82,865

The Problem of the Ionization of the Solar Corona,
by I. S. Shklovskiy, 74 pp.

RUSSIAN, bk, Solnechnaya Korona, Moscow, Chapter IV,
1951, pp 189-246. 9689082

Amer Meteorol Soc T-R-94

Sci - Phys, Earth Sci & Ast
Dec 63

243,472

On the Nature of Radio Galaxies, by I. S. Shklovskiy,
12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIX, No 4, 1962,
pp 591-606.

Amer Inst of Phys
Sov Astron - AJ
Vol VI, No 4

Sci
Apr 64

254,523

Optical Observations of Artificial Earth
Satellites, by I. S. Shklovskiy, P. V. Shcheglov,
8 pp.

RUSSIAN, per, Uspekhi Fizicheskikh Nauk,
Vol LXIV, No 3, 1958, pp 417-424.

AEC-tr-5331
PL-480

Sci
Jun 64

261,427

On the Ionization of the Chromosphere and Promin-
by I. S. Shklovskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 6
1949, pp 1009-1011. *CIA 128,124*

ATIC MCL-79/III

Sci - Geophys

Oct 60

128,124

On the Spatial Distribution of Sources of the
Galactic Radio Emission, by I. S. Shklovskiy.
UNCLASSIFIED

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol
LXXV, No 6, 1952, pp 1231-1234.

Navy Tr 939/ERL 461

Scientific - Astronomy

RT-512

9352

Feb 54 CTS/DEX

Photometric Paradox for the Radio Emission of the
Metagalaxy, by I. S. Shklovskiy, 30 pp.

RUSSIAN, no per, Astronom Zhur, Vol XXX, No 5,
1953, pp 495-507. CIA D 480218

Sci Tr Center RT-2767

Scientific - Astronomy
Dec 55 CTS/DEX

29,423

The Determination of the Density of the Atmosphere at
an Altitude of 430 Kilometers by the Sodium Vapor
Diffusion Method, by I. S. Shlovskiy.

k

U of Washington
Fisheries and Oceanographic Lib
Transl.

Oct 61

The Problem of a Radio-Emission of the Galaxies,
by **I. S. Shklovskiy**,¹⁰⁶

RUSSIAN, ~~XXX~~, Astron Zhur, Vol XXX, No 1, 1953,
pp 15-37.

ATIC F-TS-8176

Scientific - Astronomy

Nov 53 CTS

7236

Radio Astronomy Investigations by Means
of Artificial Satellites, by G. G. Getmantsev,
V. L. Ginsburg, I. S. Shklovskiy, 9 pp. UNCL

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXVI, No 2,
1958, pp 157-161.

Sci- Space Res
Mar 59

JPRS-730-D
AF 1212615
T-98

81,925

Hydrolysis of Hemicellulose in Floral Coating of
Barley, by M. S. Dudkin, I. Sh. Shklovskiy, 2 pp.

RUSSIAN, rpt, The University of Higher Education of
USSR, Food Technology Division, No 1, 1958, pp 36-42.

CIA/FDD X-3529

Sci - Biol
May 59

87,918

On the Nature of the ~~Fine~~ Structure of Emission
of Active Regions on the Sun, by L. S. Shklovskiy,
9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXIV, No 6, 1958,
pp 838-847.

AIP
Vol II, No 6

Oct 59

99,219

Relaxometer for Axial Compression of Elastic
Materials, by L. I. Lyubchanskaya, A. A.
Shlyaklman, A. S. Kuz'minskiy.

RUSSIAN, per, Kauchuk i Rezina, No 2, 1957,
pp 31-33.

RAE 941

175,489

Sci - Physics

Dec 61

A Rotary Viscosimeter With Improved Sensitivity, by
A. A. Erpfeyev, L. A. Shklyar, N. V. Tyabin, 26-pp

RUSSTAN, per. Zavod Lab, Vol XXVI, No 3, 1960,

PP-356-381

pp 356-358

ISA

Sci-
Feb 61

140,865

(X-3000)

(DC-2800/2).

Helicopters Make a Landing, by Lt Col V.
Shklyarenko, *5 pp.*

RUSSIAN, np, Sovetskaya Aviatsiya, Moscow,
28 Dec 58.

✓
RUS JPRS - 797-D

USSR

Mil

Feb 59

Ⓜ (DC-2800/27).

Above Mountains and Ravines (Helicopter Pilot Training),
by V. Shklyarenko, 3 pp.

RUSSIAN, np, Sovetskaya Aviatsiya, 21 Jun 1960, p 2.

JPRS 3933

USSR
Mil
Sep 60

126,972

Measurements of the Optical Constants of Antimony
in the Infrared Region of the Spectrum at
Temperatures of 290° and 110°, by I. N.
Shchegolevskiy, A. A. Avdeyenko, V. G. Padalka,
3 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, No 4,
1959, pp 528-532.

The Optical Society of
America

Sci

Dec '59

101,790

New Method for the Investigation of the Mechanism
of Cathode Processes, and Its Application, by
M. Sayalovsky, Z. Shkiyarskaya-Sayalovskaya,
6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1954, pp 225-229. *CIA D 151309*

23, 3/6

Consultants Bureau

Scientific - Chemistry

May 55 *over /over*

Automation of Electric Drives for Bucket-Chain
Dredgers, by L. F. Shklyarskiy, 9 pp.

RUSSIAN, per, Elektrichestvo, No 1, 1958,
pp 22-23.

PP

Sci - Electron, Engr

Nov 59

100,829

Effect of Some Neurotropic Substances on the
Development of Experimental Atherosclerosis, by
I. K. Shkhvatsabaya, 4 pp.

RUSSIAN, per, Byul Eksp. Biol i Med, Vol XLII,
No 4, Apr 1956, pp 39-42.

Consultants Bureau

Sci - Medicine
May 57 CTS

47,852

The Propagation of Ultrasonic Waves of Finite
Amplitude in Liquids, by L. K. Zarembo, V. A.
Krasil'nikov, P. P. Shklovskaya-Kordi, 8 pp.

RUSSIAN, per, Akust Zhur, Vol III, No 1, 1957,
pp 29-36.

Amer Inst of Phys
Soviet Phys - Acoustics
Vol III, No 1

Sci - Phys
Nov 58

72,796

Accelerated Method for Indicating Bacterial Contamination, by N. M. Shkiyar

RUSSIAN, no per, Voenno Med Zhur, No 2, Moscow, Feb 1959, pp 47-49

US JPRS 1634-N

*Sci-Med
Quin 59*

88,420

Measurements of the Optical Constants of Copper,
Gold and Nickel in the Infrared Region of the
Spectrum, by I. N. Shklovskiy, V. G. Padalka,
4 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol VI,
No 1, 1959, pp 76-84.

Optical Soc of Amer
Amer Inst of Phys

Sci
Aug 59

93, 862

(U) 12259
Chairs of Experimental, Theoretical, and General
Physics of the Physicomathematical Faculty (1930-
1955), by B. I. Verkin, A. S. Mil'ner, L. N.
Rozentsevyg, Ya. B. Faynberg, V. I. Khotkevich,
I. N. Shklyarevskiy, 8 pp. UNCLASSIFIED

RUSSIAN, irreg par, Uchenyye Zapiski, Vol IX,
Trudy Fizicheskogo Otdeleniya Fiziko-Matematicheskogo
Fakul'teta, Vol V, Khar'kov, 1955, pp 69-75.

HY-361
US JPRS/

Sci - Physics
Apr 58

62,295

Study of the Radical Reactions of Phosphorus
Pentaphenyl. IV. Reactions of Phosphorus
Pentaphenyl with Methyl Iodide. Study of the
Mechanism of the Radical Reactions of Phos-
phorus Pentaphenyl with the Aid of Diphenylpicryl-
hydrazine and Diphenylpicrylhydrazyl, by G. A.
Razuvaev, N. A. Osanova and I. A. Shlyapnikova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No
c, 1957, pp 1466-1468.

Y

Consultants Bureau

Sci - Chem -- Sep 58

72,906

Sep 58

Firing an O.F. Furnace With a Mixture of Coke-
Oven and Natural Gas, by N. M. Khil'ko,
M. S. Shklyar.

OSMAN, par, Metallurg, Vol VI, No 7, 1961,
pp 11-13.

MT 229

Sci
Feb 63

222,438

Differentiated Calculation and the Provision of
Baffles in Cast Iron Recuperators, by V. M.
Dement'yov, M. S. Shklyar, 3 pp.

RUSSIAN, per, Stal, No 11, 1960, pp 1042-1046.

BISI

Sci

Apr 61

145, ⁴18

Jalousie-Type Dust Catchers for Gas Cleaning,
by V. D. Kanfer, M. S. Shklyar.

RUSSIAN, per, Metallurg, Vol VI, Mar 1961.

BISI 2337

Sci - Engr

Sep 61

list 108

168,478

An Acid-Tolerant Variant of Azotobacter, by
A. B. Byankovskaya and M. Z. Shklyar, *et al.*

RUSSIAN, per, Mikrobiolog, Vol. XXVIII, No 3,
1958, pp 336-342.

Amer Inst of Biol Sci

Sci

Feb 60

107,350

Slow Meson Capture by Light Nuclei in the
Correlational Nuclear Model, by G. M. Shklyarevskiy,
5 pp.

RUSSIAN, per, Zhur Eskper i Teoret Fiz, Vol XLV,
No 3, 1963, pp 698-705.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 2

Sci
Apr 64

255,181

Increasing the Transparency of Membrane
Scalings, by I. N. Shilyarevskiy, A. ...
Avdyenko, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol VII,
No 5, 1959, pp 678-684.

Optical Society
of America

Sci.

Dec 59

103,821

Shklyarevskii, I.N. and Ryazanov, A.N.
DISPERSION DE LA SAUTE DE PHASE DES PELLICU-
LES MINCES D'ALUMINIUM (Dispersion of the Phase
Jump in Thin Aluminum Films). 14p. 13refs.
CNRS-XVIII 62.

Order from OTS, ETC or CNRS \$1.60 TT-62-28870

Trans. in French of Optika i Spektroskopiya (USSR)
1957, v.2, no.5, p.645-650.

DESCRIPTORS: *Metal films, Aluminum, Zinc com-
pounds, Sulfides, Phase studies, Spectroscopy.

(Physics - Spectroscopy, TT, v. 11, no. 9)

TT-62-28870

- I. Shklyarevskii, I.N.
- II. Ryazanov, A.N.
- III. CNRS-XVIII 62
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Chemistry of Heterocycles. XXIX. E-Allyl
Derivatives of 3,3-Diaryloxindoles, by P.
A. Petymarin, V. S. Shklyayev and A. S. Papis.
pp 1554-1557. 8

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,
No 6, 1957, 3 pp.

2

Consultants Bureau

Sci - Chem

Sep 58

72,925

Synthesis of N-Alkylanilines, by P. A. Petyunin,
V. S. Shklyayev, M. E. Konshin, 3 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIII, No 6,
1960, pp 1428, 1429.

CB

Sci

Jun 61

158, 467

Chemistry of Heterocycles. XXVIII. Synthesis and
Properties of 1-Phenyl-3,3-diaryloxindoles, by P. A.
Petyunin, V. S. Shklyayev, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957,
pp 731-733.

Consultants Bureau

Sci - Chem
Aug 58

69, 158

N-Aryl Amides of Hydroxy Carboxylic Acids and
Their Transformation Into Heterocyclic Com-
pounds. XX. Regularities of Intramolecular
Cyclization in Aryl Amides of Hydroxy Carboxylic
Acids, by P. A. Petyunin, V. S. Shklyayev, 8 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 5, 1953, pp 853-860.

Consultants Bureau

Scientific - Chemistry

17,630 CTS/DEX



Nucleon Correlations and Photonuclear Reactions.
II. (γ, p) and (γ, n) Reactions in the
Nonresonance Region ($E_\gamma \approx 30$ Mev), by G. M.
Shklyarevskiy, 4 pp.

RUSSIAN, Zhur Eksp. i Teoret. Fiz., Vol. XLI,
No. 2, 1961, ~~pp 451-455~~ pp 451-455.

AIP
Sov. Phys.-JETP
Vol. XIV, No. 2

Sci
12 Jun 62

198,919

SHIRNOV, V. S., and SHELYANOV, E. A., All-Union Lab of
Dispersed Medicinals, Min of Pub Health, USSR

The Oxidation of Aliphatic Amines. VIII. Behavior
of N-Butylamine and Dibutylamine with Oxidants

Zhur Obshch Khim, Vol IX, No 2, 1950 (Feb), pp 355-
358

Consultants Bureau Translation

A10450

Nuclear Correlations in Photonuclear Reactions I.
Photodisintegration of He^4 , by G. M. Shklyarevskiy,
3 pp.

RUSSIAN, per Zhur Eksper i Teoret Fiz, Vol VII,
No 1, 1961, pp 234-238.

AlP
Sov Phys - JETP
Vol XIV, No 1

Sci

Mar 62

188, 153

One-Particle Mechanism in Photonuclear Reactions,
by G. M. Sakiyarevskiy, 4 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol.
XXXVII(9), No 5, 1959, pp 1492-1496.

Amer Inst of Phys
Sov Phys-JHEP

Sci

Dec 59

103,700

SMIRNOV, V. S., and SEKLYARUK, E. A., All-Un Lab of
Dispersed Medicinals, Min of Pub Health USSR

The Oxidation of Aliphatic Amines VII. Behavior of
Diethylamino-4 Aminopentane with Oxidants

Zhur Obshch Khim, Vol XX, No 2, 1950 (Feb), pp 351-
359

Consultants Bureau Translation

A10949

V
Influence of the Nature and Position of Substituents
in the Benzene Ring Attached to Nitrogen on the
Closing of the Five-Membered Heterocyclic Ring in
Arylamides of Hydroxycarboxylic Acids. ~~XXI~~ XXI, by
P. A. Petyunin, V. S. Shklyayev, I. S. Berdinsky,
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 6,
Jun 1954, pp 1078-1081. CIA C 40406

Consultants Bureau

Scientific - Chemistry

Jan 56 CTS/DEX

30,202

Reaction of N,N'-Bis-(halomagnesium)-Arylamines
With Esters and Acid Halides, by P. A. Petyunin,
I. S. Berdinsky, V. S. Shklyayev, 2 pp.

Full translation

RUSSIAN, per, Zhur Obshch Khim, Vol XXIV, No 1,
USSR, Jan 1954, pp 178-180. CIA D 151105

Consultants Bureau

Scientific - Chemistry

CTB 66/Mar 55

21,921

Effects of the Nature and Position of Substituents
in Phenyl Radicals $(Ar')ArNHXC(OH)Ar''$ Upon
5-Membered Heterocycle Closure. XIX, by
P. A. Petyanin, V. S. Shklyayev, 5 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXXII, No 8,
1953, pp 1364-1372x 1369.

Consultants Bureau

Scientific - Chemistry Dec 5: CTS/UKX

20,116

(SF-2001)

New Tasks and New Methods in Teaching, by G. Ia.
Vedel', A. F. Starkov, A. S. Shilyayev, 3 pp.

RUSSIAN, par; Vest Vysshey Shkoly, No 9, 1961.
pp 11, 28.

JPRS 11570

USDP

See

Jan 62

A 24-Liter Propane Bubble Chamber, by
Wang Kang-ch'ang, M. I. Solov'ev, Yu. N.
Shashin, 4 pp.

RUSSIAN, per, Priory i Tekh. Ekspert, No 1,
1959, pp 41-43.

Instru Soc of Amer

Sci

Apr 60

114,075

24-Litre Propane Bubble Chamber, by Wang Kan-chang,
M. I. Solov'yev, Yu. N. Shkolin, 13 pp.

RUSSIAN, rpt, Joint Institute for Nuclear Research,
Laboratory of High Energy, Dubna, 1958.

CIA/FID X-3257

Sci - Physics
Jan 59

78,311

Communist Attitude Toward Work is the Duty
of Every Communication Worker by I. A.

Shkoda, 5 pp.

RUSSIAN, par, Vestnik Svyazi, No 7 (280),
1963, pp 5-7.

JPRS 21358

Sel -

Oct 63

241-162

On Diagnosis and Board Examinations
in Endarteritis Obliterans, by M. F.
Bogatyrev, M. A. Shkoda, A. P. Mish-
chenko

RUSSIAN, mo per, Voenno Med Zhur,
No 10, Moscow, Oct 1958, pp 30-34

Sci-Med
Jan 59

US JPRS 1166-N

79,608